

# Homeland Defense Journal

"He is best secure from dangers who is on his guard even when he seems safe." —Syrus Publilius

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## Department of Homeland Security: Congress Reacts

By Steve Kingsley  
*Homeland Defense Journal*

Congressional reaction to President Bush's proposed Department of Homeland Security has been largely favorable. Most members seem to be in favor, though many have suggested modifications to the details of the plan. Many, however, are concerned with the future of the nonhomeland security missions of agencies transferred to the new department. For example, one of the Coast Guard's key missions is marine safety and rescue. Members of Congress question what would happen to that function after the new



President George W. Bush meets with his Homeland Security Council and other senior staff members to discuss the Department of Homeland Security. The meeting took place in the Roosevelt Room of the White House Thursday morning, June 6, 2002.

department secretary ranks homeland security as the top priority.

According to many members of Congress, the issues of intelligence gathering and sharing, specifically the FBI and CIA, are also overlooked

in Bush's proposal. Under the proposal, the new department would not have intelligence-gathering capability but would rely on information provided by the FBI and CIA. Some on Capitol Hill have proposed that some of the intelligence-gathering capability be transferred to the new department. Others complain that key homeland security agencies, such as the Bureau of Alcohol, Tobacco and Firearms, Centers for Disease Control and Prevention and the Drug Enforcement Agency, are not included in the proposal

The biggest challenge for the leadership may be

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## Interoperability ... The Critical Link in Emergency Situations

By Dennis R. Dibos  
*For Homeland Defense Journal*

Interoperability has been a major focus among public safety organizations and federal agencies for years. Public safety agencies use communications not only to dispatch personnel to the scene of an incident, but also to link field personnel back to command centers so they can request additional assistance or information to properly handle an incident. The ultimate impact of wireless communications between various response personnel is defined by the interoperability of those communications in use at a particular emergency scene.

Interoperability became a topic of national attention following the terrorist attacks Sept. 11. The ability of public safety agencies to coordinate their responses is often cited as one of the main components of success in large-scale emergencies. A coordinated response

hinges on access to interoperable wireless radio communications systems.

"Unlike a hurricane where you have warning, the events of September 11th were chaotic," said Air Force Lt. Col. Brian Dubie, FEMA Region 1. "As a result, two-way radios were more important than ever. The first responders could not have got it done without radios. In fact, the only way they could communicate among 10 people or more was with a radio."

### Improving Interoperability

It helps to think of interoperability as a process, not an end result. It does not dictate a particular technology, but rather a category of solutions, at the center of which is the needs of emergency responders. Different levels of interoperability can be implemented, but must take into account the existing infrastructure

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# Publisher's Notes

By Don Dickson  
Homeland Defense Journal

## The new Department of Homeland Security and the "M-WOW" effect

The federal government is about to undergo its most complex re-organization since the end of World War II. Back then, by combining the Departments of War and Navy, the National Security Act of 1947 created the National Military Establishment, which in 1949 became known as the Department of Defense.

The National Security Act of 1947 was a result of the lessons learned in World War II and the changing role of the United States military in the post-war world. It provided for the unification of the United States Armed Forces into a cohesive fighting unit, able to successfully fight the total air-land-sea battle. Streamlining national security and intelligence was also addressed at that time with the formation of the National Security Council. Today, we again look at reorganizing to defend America.

Last week, President Bush announced plans for a Department of Homeland Security. Its mission will be:

- o Prevent terrorist attacks against the United States
- o Reduce America's vulnerability to terrorism
- o Minimize the damage and recover from attacks that do occur

The independent and trade press, special interest groups, associations, Congress and many others will enter the dialogue to give their perspectives on plans for the new agency. Regardless of how it finally evolves there are realities that we — government and industry — will face.

The first is the "M-WOW" effect. Projects, initiatives, new starts, procurements without the "mission essential" label will likely fall into that administra-

tive limbo caused by "Maybe, We Ought'a Wait," or M-WOW. Some programs and projects will be placed on hold — appropriately so — given the extent of change that is coming. This will not only happen in those organizations slated to move to the new Department of Homeland Security but also those that do, or will, interface with them.

The second effect will be organization changes as agency missions, priorities and needs undergo necessary review and redirection. New leaders, rules and priorities will emerge.

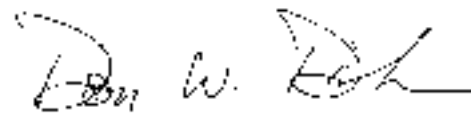
The third effect will be time. In his book, "Managing," Harold Geneen, former president of International Telephone and Telegraph (ITT), said the tentative period immediately following a major corporate reorganization lasts about 18 months. According to Geneen, it generally takes this amount of time for an organization to stabilize, gain its new identity, and develop a common set of practices. The full development of the new Department of Homeland Security, with accepted priorities and practices, will take time. This will be an evolving process, not an event.

The fourth effect will be reduced availability of key decision-makers. Their already busy schedules will be stretched

even further as tiger teams are established, meeting tempo increases, temporary duty assignments made, and planning — and more planning — takes place. Daily management authority within an agency may be delegated to others, while major initiatives and decisions may simply be delayed or shelved pending time availability or redirection.

Since indications from Capitol Hill are that legislation for this new department will be approved, we urge and encourage the soon-to-be-appointed leaders of the Department of Homeland Security to find ways to involve its industry partners in the planning and organization for this new department. Industry has resources, experience, solutions, and leaders who are able, willing and ready to support the new Department of Homeland Security.

Let us hope that this opportunity for government and industry to work together does not also fall into the M-WOW trap.



Don Dickson  
Publisher

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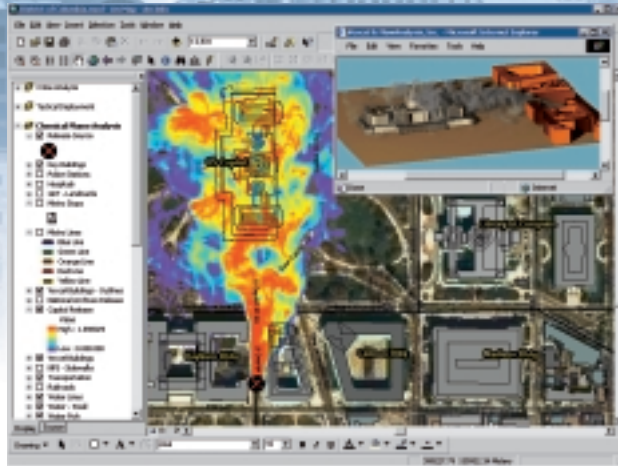


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## GIS for Managing the Homeland Security Efforts



A buoyant gas plume model defines simulated contaminated areas around the U.S. Capitol (data courtesy of Vexcel Corporation and Flow Analysis, Inc.).



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- Managing field data in real time
- Improving data sharing capabilities

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## Department of Homeland Security: Congress Reacts

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appealing the various chairmen who would see their agencies transferred out of their jurisdiction after the legislation passes and the department is created. The leadership would have to decide which committee or committees have ongoing oversight.

The Senate might give jurisdiction to the Government Affairs Committee, headed by Sen. Joseph Lieberman, D-Conn., which had already passed its own legislation creating a new department. Senate Majority Leader Tom Daschle, D-S.D., suggested that floor action could be completed prior to July 4th. Modifications to committee-passed legislation could be made on the floor in a special amendment offered by Lieberman.

The situation is more complex in the



Sen. Joseph Lieberman



Senate Majority Leader Tom Daschle

## Reactions from the Hill

By Steve Kingsley  
*Homeland Defense Journal*

### Rep. Dan Burton, R-Ind., Chairman House Government Reform Committee

Congress understands the importance of the president's decision and will work with him to get the job done."



### Rep. Tom Delay, R-Texas, House Majority Whip

"Putting homeland security into one structure and under one roof will be extraordinarily difficult. However, the things that are the most difficult in life are often the things that most need to be done."



### Rep. Richard Gephardt, D-Mo., House Minority Leader

We have to do everything in our power to prevent further attacks, and my hope is that we can effectively and expeditiously receive this plan from the president, work it through the Congress, and try to make it a reality as quickly as possible so that we can achieve the kind of homeland defense that we need and that American people want."



### Sen. Joe Lieberman, D-Conn., Chairman Senate Governmental Affairs Committee

"Make no mistake about it, change is never easy, particularly for large bureaucracies. And I expect that there will be opposition from the bureaucracies that will be put in place under the new secretary, and from members of Congress

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## Reactions from the Hill

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who are close to those bureaucracies. But the hard fact is that we are living at a time that demands peak performance and maximum cooperation among every agency of the federal government that has to do with homeland security. And it is only through the kinds of changes that we have proposed, and that the president will propose tonight, that that can happen. The status quo has simply not worked. I'm looking forward to working with the president and the administration to find and implement a better way."



sometimes contradictory missions. I hope that Congress and the Office of Homeland Security will be able to work together to achieve a streamlined, effective approach that will protect American lives."

### Rep. Chris Shays, R-Conn., Chairman Subcommittee on National Security

"Well before September 11th, it was clear to many the federal government was not



organized to deal effectively with the profound and cross-cutting threats posed by global terrorism. Before the next attack exploits the obvious gaps and weaknesses in our homeland security fabric, we need a national strategy to prevent, detect, deter and respond to terrorism and we need a new federal structure to implement that strategy."



### Rep. Jim Oberstar, D-Minn., Ranking Member House Transportation and Infrastructure Committee



"The elevation of the Homeland Security Office to cabinet status will mean that the agency will now have to be accountable to Congress and the public for its actions and

expenditures. No longer will the White House be able to hide Tom Ridge behind 'executive privilege.' Congress will be able to ask specific questions about what the Administration is doing to protect the United States and its citizens."

### Rep. Martin Frost, D-Texas, Chairman House Democratic Caucus



"I look forward to examining the details of the president's proposal, and I hope we can work together to get something like it through the Congress as soon as possible."

### Sen. Robert Byrd, D-W. Va., Chairman Senate Appropriations Committee

"I hope that this new status for the Office of Homeland Security amounts to more than just reshuffling the deck chairs on the Titanic. This government has more than 80 departments in 10 different agencies with responsibilities for homeland security. They have overlapping and

## Specialized Technical and Technology User Services (STATUS)

INFORMATION TECHNOLOGY OPERATIONS

The Department of Transportation's (DOT) Transportation Administrative Service Center (TASC) Information Technology Operations has established a mechanism for Federal, state, and local government customers to rapidly acquire a wide array of specialized or "niche" information technology (IT) services and support.

Specialized Technical and Technology User Services (STATUS) provides program management and the delivery of "niche" information technology services through its own resources and dozens of recognized contractors across the functional areas shown:

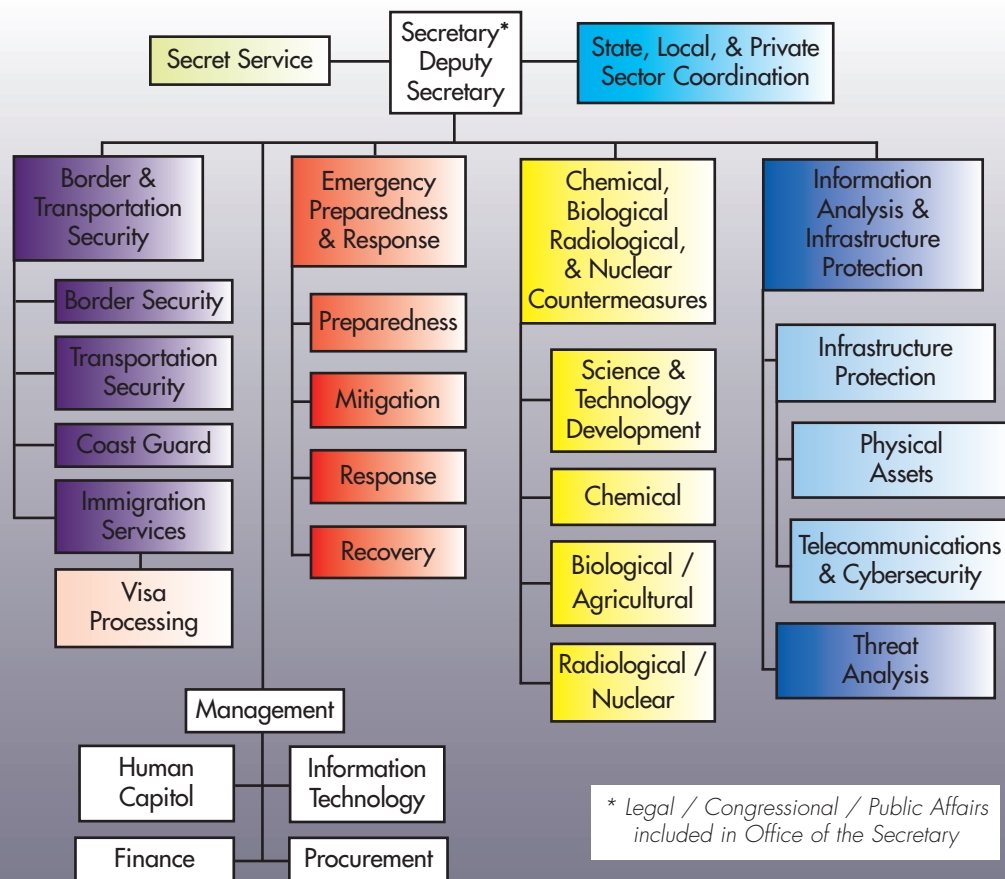
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## ORGANIZATION OF THE DEPARTMENT OF HOMELAND SECURITY





## Department of Homeland Security: Congress Reacts

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House where representatives would have to start from scratch by either waiting for the Bush proposal to be sent to the Hill in



White House photo by Eric Draper

President George W. Bush prepares for his Thursday night speech about the Department of Homeland Security with Karen Hughes, Counselor to the President, at the White House Thursday afternoon, June 6, 2002.

legislative form or writing their own. One option being discussed by the leadership is to create a special committee with six republicans and five democrats to draft the bill. Majority Leader Dick Armey, R-Texas, would chair the committee.



Majority Leader  
Dick Armey

Pressure will be on Congress to act quickly, certainly by the end of the year. House Minority Leader Richard Gephardt, D-Mo., suggested that



House Minority Leader  
Richard Gephardt

September 11 be designated as the target completion date, but the majority leadership warned that it's better to get it right than push it through quickly. In any case, a bill will likely be ready for the president's signature before Congress adjourns for the year, probably around mid-October.

Most on the Hill appear to favor Tom Ridge as secretary of this new department and he would almost certainly be confirmed. However, the White House and Ridge have been quiet on who will be nominated for the spot.

## Department of Homeland Security Major Components

The Department of Homeland Security would be funded within the total monies requested by the president in his fiscal year 2003 budget already before Congress. There would be future savings achieved through the elimination of redundancies inherent in the current structure.

	\$(Millions)	FTE (1)
<b>Chemical, Biological, Radiological, and Nuclear Countermeasures</b>		
Civilian Biodefense Research Programs (HHS)	1,993	150
Lawrence Livermore National Laboratory (DOE)	1,188	324
National BW Defense Analysis Center (New)	420	-
Plum Island Animal Disease Center (USDA)	25	124
	<b>3,626</b>	<b>598</b>
<b>Information Analysis and Infrastructure Protection</b>		
Critical Infrastructure Assurance Office (Commerce)	27	65
Federal Computer Incident Response Center (GSA)	11	23
National Communications System (DoD)	155	91
National Infrastructure Protection Center (FBI)	151	795
National Infrastructure Simulation and Analysis Center (DOE)	20	2
	<b>364</b>	<b>976</b>
<b>Border and Transportation Security</b>		
Immigration and Naturalization Service (DOJ)	6,416	39,459
Customs Service (Treasury)	3,796	21,743
Animal and Plant Health Inspection Service (USDA)	1,137	8,620
Coast Guard (DOT)	7,274	43,639
Federal Protective Services (GSA)	418	1,408
Transportation Security Agency (DOT) (2)	4,800	41,300
	<b>23,841</b>	<b>156,169</b>
<b>Emergency Preparedness and Response</b>		
Federal Emergency Management Agency	6,174	5,135
Chemical, Biological, Radiological and Nuclear Response Assets (HHS)	2,104	150
Domestic Emergency Support Team (3)	-	-
Nuclear Incident Response (DOE)	91	-
Office of Domestic Preparedness (DOJ) (4)	-	-
National Domestic Preparedness Office (FBI)	2	15
	<b>8,371</b>	<b>5,300</b>
<b>Secret Service (Treasury)</b>		
	<b>1,248</b>	<b>6,111</b>
<b>Total, Department of Homeland Security</b>		
	<b>37,450</b>	<b>169,154</b>

(1) Estimated, final full-time employee figures to be determined

(2) Before fee recapture of \$2,346 million.

(3) Interagency group currently mobilized by the Attorney General in response to major incidents.

(4) Included in FEMA in fiscal year 2003 President's Budget Request

Note: Figures are from fiscal year 2003 President's Budget Request



White House photo by Paul Morse

President George W. Bush addresses the nation from the White House on his intention to create a cabinet level position for Office of Homeland Security on Thursday June 6, 2002.

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## Interoperability ... The Critical Link in Emergency Situations

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being used by public safety agencies and their unique communication requirements.

The following factors are critical to fostering interoperable communications:

- Planning
- Interoperability Standards
- Training Standards
- Spectrum Requirements

### Achieving Interoperability

The first step is to advance the key enablers of interoperability: planning, spectrum, standards and training. An equally important parallel step is to drive planning to the local level. The focus should be first on what is needed for public safety responders in a given area to communicate with each other, then on evaluating technology alternatives against these requirements.

Specifically, federal, state, county and local agencies need to engage in a planning process that addresses the following topics (adapted from PSWN information brief, A Priority Investment for America's Future Safety):

- Interoperability requirements – coverage, channel capacity, voice, data communications, and with whom (state, local, federal)
- Age of systems – perhaps some are planned for replacement
- Amount of additional spectrum required to support current and future needs
- Who would be in charge of regional administration
- Funding sources
- Partnerships that have already been explored for shared system development

### Available Interoperable Technology Solutions

There is a wide range of interoperability solutions available to communications users, but solutions vary depending on community or agency size, geographic location and the functional requirements of the users. The complexity of the solution increases when the needs of additional departments, federal and state agencies, and local support organizations are factored into the mix. The needs and plans of the various government agencies must be considered prior to making conclusions regarding technology. The availability of

### Taking it on the Road

Public safety professionals are finding their historical focus on notification and response to emergencies shifting toward the more proactive responsibilities of preventing and detecting them before they occur.

Motorola's Safety & Security Solutions Showcase, hosted in multiple cities around the country this summer, demonstrates some of the company's information and communication solutions that can give public safety professionals the advantage of intelligence.

The showcase includes exhibits and hands-on demonstrations of Motorola's latest technologies, as well as seminars on current safety and security topics, such as interoperability, wideband data applications, intelligent databases for homeland security, spectrum requirements, first responder communications, critical infrastructure monitoring, funding and much more.

The show debuted in Arlington, Va., Wednesday, May 15, 2002, to an audience of industrial, federal, state and local government executives concerned about how best to improve their respective abilities to detect, deter and respond to our nation's new threats.

Former Virginia Governor Jim Gilmore, who chairs the President's Commission on Weapons of Mass Destruction, delivered a lunchtime address to the attendees. He said, "We need a national plan for homeland security that includes not only a federal government plan, but also recognizes the critical importance of state and local governments and commercial enterprise elements in managing our nation's security."

The showcase will travel to Los Angeles Thursday, July 11 and then to Detroit Thursday, July 18. For more information about the showcase, visit [www.motorola.com/showcase](http://www.motorola.com/showcase).

spectrum, new technologies and changes in available budget all impact the interoperability solution chosen.

Interoperability initiatives are underway with many public safety agencies taking steps to improve interoperable communications. Motorola customers in Indiana and Arizona are taking steps to address mission-critical public safety and security requirements.

In Fort Wayne and Allen County, Ind., public services communicate directly with one another. Motorola's 800 MHz trunked communication systems went into operation in early 2002, creating interoperability between city and county police, EMS and fire agencies.

"In a situation where every second counts, you want to have the best information available," said Fort Wayne Mayor Graham Richard. "The new shared system

enhances our ability to provide that."

The Phoenix/Mesa, Ariz., communications system will cover about 2,000 square miles area in central Arizona, including the town of Gilbert and cities of Mesa and Phoenix police departments, as well as some 17 fire agencies throughout the area.

"Interoperability is critical in large metropolitan areas with numerous surrounding communities," said Bill Phillips, telecommunications administrator for Phoenix. "Since the new system is built to a standard, we will have greatly increased ability to communicate with each other quickly and clearly."

*Dennis R. Dibos is the vice president, Motorola director, North American safety and security solutions.*

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# What They're Saying On The Hill

By Kelly Kingsley - Homeland Defense Journal

*Homeland Defense Journal tapped into the database of its partner, Market\*Access International, to compile these highlights from recent Capitol Hill testimony pertaining to homeland defense.*

**Dr. Richard A. Meserve, Chairman of U.S. Nuclear Regulatory Commission U.S. Senate Committee on Environment and Public Works**  
Wednesday, June 5, 2002



Dr. Richard Meserve discussed safeguards and security for NRC-licensed commercial nuclear power plants and legislation introduced to strengthen security at these facilities. He also talked about the status of actions that NRC has taken in response to the Sept. 11 terrorist acts.

The NRC, he said, has received assistance for the protection of nuclear power plants and other nuclear facilities and activities from numerous government entities. In fact, he said, the NRC routinely communicates with other federal agencies, including the Office of Homeland Security, FBI, Federal Emergency Management Agency, Federal Aviation Administration and the Department of Defense.

Within a few weeks of the terrorist attacks, he directed his staff to conduct a comprehensive re-evaluation of the current safeguards and security programs. The review encompassed analysis of the agency's threat assessment framework and design basis threat, evaluation of facility vulnerabilities, access authorization processes, emergency preparedness and response, and review of NRC's infrastructure, programs and communications. He specifically directed staff to review the agency's organizational structure, staffing, and training in the security and safeguards area.

February 25, 2002, the NRC issued orders to each operating power reactor licensee that modified the operating licenses for each of the power reactors to require compliance with specified interim compensatory measures. He added that on March 25, 2002, an order was issued to the licensee of the one existing uranium conversion facility and on May 24, the NRC issued orders for the decommissioning reactor facilities. The NRC, he said, is developing orders or considering other actions that will require implementation of interim compensatory measures for other categories of licensees.

In early April 2002, the Commission established the Office of Nuclear Security and Incident Response in order to consolidate NRC security, safeguards and incident response capabilities and resources.

Meserve said the proposals were contained in an omnibus bill the NRC transmitted to Congress last June, as well as in letters he sent to Congress this fiscal year. The NRC, he said, has been seeking enactment of most of these amendments for almost 15 years. Most of these provisions are contained in S. 1586, which was introduced by Sens. James Inhofe, R-Okla., and Robert Smith, R-N.H., at the end of last October.

Meserve said the requirement that the NRC establish a security force for sensitive nuclear facilities addresses a nonexistent problem. S. 1746 would require the hiring of thousands of new

federal guards to displace the private security forces now used by licensees, which would bring about a fundamental shift in the responsibility and mission of the NRC. He noted that the demands of the legislation would refocus the NRC principally as an agency to ensure nuclear security, which could have the unintended consequence of detracting from the commission's mission to protect the public health and safety from radiological hazards.

**Rep. Jane Harman, D-Calif. U.S. House of Representatives Judiciary Subcommittee on Crime**  
Tuesday, June 4, 2002



Rep. Jane Harman spoke on behalf of information sharing and the pending legislation, H.R. 4598. She said that getting critical information to the mayors, police, firefighters and other responder groups is an important need for preventing future terrorist attacks. The job of collecting intelligence on terrorist groups, at home and abroad, she said, falls to the nation's intelligence community. Professionals at CIA, NSA and FBI, she said, do an excellent job in gathering information from across the globe. But, she noted, this multi-talented

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## What They're Saying on the Hill

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dollar capability is worth nothing if the information doesn't get to the eyes and ears of those on the front lines fighting terrorism. She said the people most likely to stop the next terrorist attack are the police officers on the street or other alert local officials who come in contact with something or someone suspicious.

Harman explained that H.R. 4598 directs the president, along with the director of CIA and the U.S. Attorney General, to develop procedures by which federal agencies will share terrorist threat information with state and local personnel, and vice versa. It directs the use of existing technology used in sharing information with NATO allies and INTERPOL that converts intelligence into a format that can be easily shared through declassification or "stripping" of sources and methods in a timely manner.

She closed by saying that the information sharing system called for in H.R. 4598 includes all federal intelligence and law enforcement agencies, which is important not only because all agencies

may have information of use to state and local personnel, but also because horizontal sharing of information among federal agencies is crucial to "connect the dots" and improve federal counterterrorism capabilities.

**Sen. Jim Jeffords, I-Vt.,  
U.S. Senate  
Committee on  
Environment and  
Public Works**

*Wednesday, June 5,  
2002*

Sen. Jim Jeffords said the committee has before it the very important task of reviewing legislation that will enhance security at the nation's nuclear power plants and other civilian facilities that utilize radioactive materials for commercial or research purposes.

Jeffords noted that during the past nine months, the nation's leaders have issued numerous warnings about potential nuclear attacks. In his State of the



Union address, President Bush said authorities had found diagrams of American nuclear power plants and surveillance maps of American cities in terrorist's caves. In February, Jeffords said, the U.S. Nuclear Regulatory Commission, responded to FBI reports by issuing a warning of potential airliner attacks against a U.S. nuclear power plant. He added that many media outlets have analyzed the possibility of creating "dirty bombs" from a combination of readily available commercial sources of radiation and common explosives.

The senator reported that the U.S. Nuclear Regulatory Commission is conducting a top-to-bottom review of its safeguards and security program. This includes working closely with the intelligence community and others to coordinate all necessary programs. The commission, he said, also has established an Office of Nuclear Security and Incident Response to consolidate some NRC security functions.

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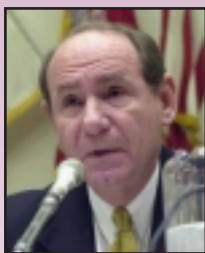
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## What They're Saying on the Hill

*continued from page 8*

**Bruce Baughman, Director of FEMA's Office of National Preparedness**  
*U.S. House of Representatives Committee on Government Reform Subcommittee on National Security, Veterans Affairs*  
*Tuesday, June 11, 2002*



Bruce Baughman opened by saying that the president asked Director Allbaugh to establish the Office of National Preparedness (ONP) at FEMA to address the need for a central coordination point for the wide range of federal programs dealing with terrorism preparedness. Although ONP was established just 11 months ago, he said, its responsibilities have expanded greatly in the aftermath of Sept. 11.

ONP's mission and overriding objective is to help the country be prepared to respond to emergencies and disasters of all kinds, including acts of terrorism. This work, said Baughman, is now underway.

This effort has three main focuses: The First Responder Initiative, providing a central coordination point for federal preparedness programs, and supporting the Office of Homeland Security.

Baughman said one of the most important lessons learned from the response to Sept. 11 is the value of a strong, effective local response capability. The president requested \$3.5 billion in the 2003 budget to support first responders. These funds would help them plan, train, acquire needed equipment and conduct exercises in preparation for terrorist attacks and other emergencies.

In addition to the right equipment, planning capabilities, training and exercises, he said there is a critical need for a single entity to take the lead in coordinating federal preparedness programs designed to build the capability of state and local governments to respond to terrorist events and other emergencies.

Baughman said it is absolutely essential that the responsibility for pulling together and coordinating the myriad federal-level terrorism preparedness programs be situated in a single agency. And,

he said, he supports president Bush's proposal for a new Department of Homeland Security that would house the job of protecting the American people.

**Norman Y. Mineta, Secretary of Transportation**  
*U.S. Senate Commerce Science and Transportation*  
*Tuesday, May 21, 2002*



Secretary Norman Y. Mineta offered an update six months after the President signed the Aviation and Transportation Security Act (ATSA).

On February 17th of this year, the Transportation Security Administration took over all civil aviation security functions that had previously been performed or overseen by the Federal Aviation Administration (FAA).

Since then, the department has published a rule requiring certain aircraft operators using aircraft weighing 12,500 pounds or more to implement a

*continued on page 10*

## What They're Saying on the Hill

*continued from page 9*

strengthened security program that includes criminal history records checks on flight crews and restricted access to the flight deck. These security regulations apply to both all-cargo and small scheduled and charter passenger aircraft not already covered by a security program. He said that these new requirements take effect Monday, June 24, 2002.

The secretary noted that TSA awarded a contract to NCS Pearson to assist in reviewing the applicants' qualifications and in testing the applicants for screening positions. It also awarded a contract to Lockheed Martin to train the screeners in accordance with the new, strict standards established by ATSA. Mineta noted that the department is rapidly hiring federal security directors for the major airports across the country.

**Carl W. Ford Jr., Assistant Secretary of State for Intelligence and Research**  
*U.S. Senate*  
*Subcommittee on Western Hemisphere and Peace Corps Affairs Committee on Foreign Relations*

*Wednesday, June 5, 2002*



Carl W. Ford Jr. appeared before the subcommittee to discuss Cuba's efforts in biological warfare. His testimony was limited to protect sensitive intelligence information.

Ford said Cuba has at least a limited, developmental, offensive biological warfare research and development effort and that it has provided dual-use biotechnology to rogue states. Of the various weapons of mass destruction disciplines, biological warfare (BW) he said, is, perhaps, the most difficult to clearly identify, absent unambiguous reliable intelligence information, owing to the dual-use nature of the technology and materials used to support a BW program.

Ford said Cuba has several facilities involved in biological-related efforts in agriculture, medicine and veterinary science, which could be used for illicit purposes. This dual-use problem, he said, presents the dilemma of assessing the capabilities of any given facility against the intent to develop biological weapons.

**Dr. Elias Zerhouni, Director of the National Institutes of Health**  
*U.S. House of Representatives*  
*Committee on Science*

*Monday, June 10, 2002*



Dr. Elias Zerhouni discussed NIH's role in biodefense and public-private research partnerships.

He said the Department of Homeland Security would unify much of the federal government's efforts to develop and implement scientific and technological countermeasures to chemical, biological, radiological and nuclear (CBRN) terrorist threats. The department, he said, also would provide direction and establish priorities for national research and development, for related tests and evaluations, and for the development and procurement of new technology and equipment to counter the CBRN threat.

Zerhouni said biodefense research at NIH began long before the spate of anthrax cases that shook the nation last year. NIH, he said, has been working collaboratively with other federal agencies, including the Department of Defense and the Office of Homeland Security, as well as with nongovernmental partners, to conduct basic research and vaccine development for agents that could be used as weapons of bioterrorism. The president's budget request for fiscal year 2003 includes \$1.75 billion for NIH biodefense.

Zerhouni said NIH's National Institute of Environmental Health Services is funding six training grants and six research grants to address immediate and long-term worker and community health protections arising from the World Trade Center attacks. A total of \$6 million will support education and training efforts, including training new and current hazardous material teams for the New York City Fire Department, environmental remediation workers, site cleanup workers and hazardous material teams that respond to weapons of mass destruction. He also said that in April, the National Institute of Mental Health awarded new grants for research on

mental health needs resulting from the Sept. 11 attacks.

**Dr. Arden L. Bement Jr., Director of National Institute of Standards and Technology**  
*House of Representatives*  
*Committee on Science*

*Monday, June 10, 2002*



Dr. Bement talked about the contributions of the National Institute of Standards and Technology (NIST) to strengthen homeland security. He said NIST measurements and standards help the nation detect chemical, biological, radiological, nuclear and explosive (CBRNE) threats and prepare to respond to a possible CBRNE attack. The NIST Office of Law Enforcement Standards (OLES), he said, works with federal agencies to evaluate technologies used by the emergency responder and criminal justice communities. He also said that OLES works with industry and the emergency responder community to develop communications standards to help emergency responders from different communities and agencies work together effectively at a disaster site.

Bement said federal laws enacted since Sept. 11 mandate the development of a national biometric identification system, using unique physical characteristics such as fingerprints, facial features and eye patterns to identify people entering the country or applying for visas. The law requires NIST to work with other federal agencies to develop the standards and tests that will certify the performance of the national system.

He also said that NIST works with industry to develop and certify security tools, such as the Advanced Encryption Standard for encoding sensitive information. NIST operates a Cryptographic Module Validation Program (CMVP) to ensure that software to encode information meets national standards. All tests under the CMVP are conducted by third-party laboratories accredited by NIST's National Voluntary Laboratory Accreditation Program.





## JUNE

**Homeland Defense: Outlook***Thursday, June 27**Hyatt Regency**Crystal City, Va.*

For more information, visit [http://www.marketaccess.org/event\\_hd\\_outlook.asp](http://www.marketaccess.org/event_hd_outlook.asp)

Market\*Access will host a briefing for government and industry to address four questions surrounding 9/11 and federal agency missions, organizations, priorities and needs:

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## JULY

**Biometric Identification: Theory, Algorithms, and Applications***Monday, July 8 – Wednesday, July 10*

For more information, visit [www.unex.ucla.edu/short-courses/summer2002/bio\\_id\\_theory\\_su02.htm](http://www.unex.ucla.edu/short-courses/summer2002/bio_id_theory_su02.htm)

The instructors are James

Wayman, PhD, director, technical security research center, San Jose State University, and Peter T. Higgins, MS, principal consultant and founder, Higgins & Associates International.

**Using Fingerprint-Based Checks in Homeland Defense***Thursday, July 11 – Friday, July 12, 2002*

For more information, visit [www.unex.ucla.edu/short-courses/summer2002/using\\_fingerprint\\_su02.htm](http://www.unex.ucla.edu/short-courses/summer2002/using_fingerprint_su02.htm)

The instructors are James Wayman, PhD, director, technical security research center, San Jose State University, and Peter T. Higgins, MS, principal consultant and founder, Higgins & Associates International.

**Homeland Defense: Emergency Responses Teams***Wednesday, July 17*

Site to be announced

For more information, visit [www.marketaccess.org](http://www.marketaccess.org)

**Robotic Systems Design and Engineering***July Wednesday, July 24 – Friday, July 26*

For more information, visit [www.unex.ucla.edu/short-courses/summer2002/robotic\\_systems\\_su02.htm](http://www.unex.ucla.edu/short-courses/summer2002/robotic_systems_su02.htm)

The instructors are Eric Baumgartner, PhD, senior engineer and group leader, mechanical and robotics technology group, Jet Propulsion Laboratory, and Terrance L. Huntsberger, PhD, senior member of the technical staff, mechanical and robotics technology group, Jet Propulsion Laboratory.

**The STI Knowledge Center Symposium***Monday, July 29 –**Wednesday, July 31**Bellagio Hotel**Las Vegas, N.V.*

For more information, visit [www.STIKnowledge.com/symposium](http://www.STIKnowledge.com/symposium) or call (800) 350-5781.

This is a high-level educational symposium for help desk/call center management executives that focuses on leadership and building a knowledge center. This symposium includes a government interactive workshop track. Magic Johnson is the guest speaker and there will be an exhibit hall with technology leaders from the help desk/call center industry.

*continued on page 12*

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If you're in government, describe new initiatives your department or agency is working on. If you're in an industry providing homeland defense solutions, get the word out about your projects and programs that are securing the homeland. Below are some topics we're featuring in upcoming issues.

Write to [editor@homelanddefensejournal.com](mailto:editor@homelanddefensejournal.com) if you are interested in contributing an article or would like a copy of our writer's guidelines.

### Editorial Calendar

Issue Date	Topic	Deadline
July 17	Federal Grants Opportunities	July 12
July 31	First Responders	July 26
August 14	Argi-terrorism	Aug. 9
August 28	Intelligence-Information Sharing	Aug. 23
September 11	9/11 One Year Out	Sept. 6
Sept. 25	Responding to Weapons of Mass Destruction	Sept. 20

## Calendar of Events

*continued from page 11*

### AUGUST

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### SEPTEMBER

#### Global Security Summit for Transportation Systems and Critical Infrastructure

Wednesday, Sept. 4 –  
Thursday, Sept. 5  
Chicago

For more information, contact Vijay Bijaj at [vijay.bijaj@wcbf.com](mailto:vijay.bijaj@wcbf.com).

This conference will address future challenges facing transport operators in all sectors worldwide in

preventing terrorism by bringing together a panel of leading experts and practitioners in transportation security and terrorism to help the passenger transport industry design more effective countermeasures and develop improved crisis management and emergency planning strategies.

#### 2002 Homeland Security and National Defense Symposium

Monday, Sept. 9 – Friday, Sept. 13  
Atlantic City, N.J.

Sponsored by the Fort Monmouth Chapters of Armed Forces Communications Association (AFCEA), Association of Old Crows (AOC) and Association of the United States Army (AUSA)

For more information contact Frederick W. Eisele at (407) 310-3556 or send an e-mail to [fred213@msn.com](mailto:fred213@msn.com).

This symposium will present ongoing or planning-stage initiatives at Fort Monmouth to provide information technology and communication packages that are ready to be flown to any part of the north-east whenever needed by FEMA, the Governor or the National Guard. Other sessions will investigate the roles of agencies in homeland security and the military efforts to

combat terrorism. The subject of providing logistics support to military, paramilitary and national law forces also will be examined.

### OCTOBER

#### e-Safety Conference and Exhibition: Technology Solutions for Public Safety & Emergency Communications

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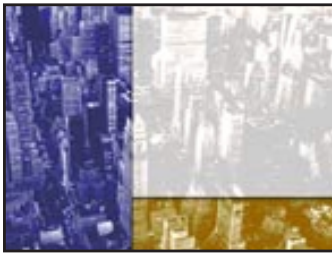
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**Arthur E. Johnson** - Sr Vice President, Corporate Strategic Development, Lockheed Martin

**Mary Schiavo** - Baum, Hedlund, Aristei, Guilford & Schiavo, former Inspector General of DOT

**Brian Jenkins** - Senior Advisor to the President, RAND

**Robert Moore** - Former President and CEO, Merck

**Paul Kleindorfer** - Risk Management and Decision Process Center, The Wharton School

**Jerry Wind** - SEI Center for Advanced Studies in Management, The Wharton School

**Howard Kunreuther** - Director, Fels Center of Government and Jerry Lee Center of Criminology, University of Pennsylvania

**Barry Silverman**, Director, Ackoff Center for the Advancement of Systems Approaches, University of Pennsylvania

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# Pennsylvania Initiates Two Bioterrorism/Health Initiatives

Calling it yet another step forward in safeguarding Pennsylvanians, Pennsylvania Gov. Mark Schweiker delivered nearly \$7 million to the Allegheny County Health Department and the University of Pittsburgh for health projects that will better prepare the Commonwealth in its fight against terrorism.

Schweiker presented Allegheny County with more than \$900,000 to help build a new health-department laboratory to deal with the threat of bioterrorism. He delivered a more than \$6 million health-research grant to the University of Pittsburgh to develop and test a new bio-surveillance system with early-warning capability for detecting symptoms that may indicate a potential bioterrorism incident.

"On one front, the construction of a new health lab in Allegheny County ensures that Pennsylvania soon will have two state-of-the-art facilities that can test for chemical- and bio-terrorism threats to our commonwealth," said Schweiker. "On the second front, we will look to head off the spread of such threats by developing a biosurveillance system that will analyze health data in real time for patterns indicating infectious-disease outbreaks."

Once completed, the Allegheny County lab, which is located in Western Pennsylvania, will serve as a "back up" to the current State Health Laboratory in Lionville, which is in located in the eastern part of the state. The Lionville facility is a certified Bio-Safety Level 3 (BSL-3) lab equipped to conduct secure testing of bio-hazardous materials. Staff from

that lab worked around the clock in late 2001 when state and local police and the FBI submitted more than 1,500 samples for anthrax testing. After that experience, Schweiker determined that Pennsylvania needed a second BSL-3 laboratory.

"The creation of a BSL-3 laboratory in Allegheny County will provide geographical balance by assuring high-level laboratory capacity in both Southwest and Southeast Pennsylvania," Schweiker said. "The Allegheny County laboratory will provide surge capacity and backup to the State Health Lab, and will be capable of safe and secure testing of samples at the direction of the State Lab officials."

In addition to the \$905,900 for the new lab, the county also will receive more than \$1 million from a federal grant for public-health preparedness and coordination activities, disease surveillance and risk-communication activities. The federal government is releasing \$1 billion specifically targeted for bioterrorism to the states through the U.S. Department of Health and Human Services and its sub-

ordinate agencies, such as the Centers for Disease Control and Prevention. Pennsylvania's share is more than \$37 million, and the state Department of Health is channeling a substantial portion of the federal funding to local preparedness efforts, including the new lab in Allegheny County.

Schweiker said the two labs will be linked electronically, and personnel from the Allegheny County Health Department Lab will be trained at the State Health Lab.

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*continued on page 15*

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## Pennsylvania Initiates Two Bioterrorism/Health Initiatives

*continued from page 14*

million, and the state Department of Health is channeling a substantial portion of the federal funding to local preparedness efforts, including the new lab in Allegheny County.

The three-year grant of more than \$6 million that was awarded to the University of Pittsburgh would be used to develop and test "syndromic surveillance" systems for the state. The university will team with Carnegie Mellon University and Siemens Medical Solutions Health Services to collect data from existing information systems in hospitals, poison centers, pharmacies and other industries, and to analyze the data in real time with the state Department of Health for patterns indicating infectious-disease outbreaks.

"This way to identify 'syndromes' is relatively new and is possible thanks to the advanced technology we have today," said state Health Secretary Robert S. Zimmerman Jr. "For example, there might be an upsurge in emergency-department visits because of unusual symptoms or pharmacies might have

increased sales of a certain type of over-the-counter medicine. This new surveillance system will pick up and transmit that type of information to our epidemiologists around the clock throughout the year.

"At that point, the data might raise concerns over why an increased number of people in a certain area are suffering from a certain ailment, and could very well be the clue in discovering an infectious-disease outbreak or bioterrorism."

Zimmerman said that researchers will

develop and validate surveillance systems in the laboratory then will deploy them in Pittsburgh, Harrisburg and Philadelphia. He added that the project is being funded through the research component of Act 77, Pennsylvania's tobacco-settlement appropriation.

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# Hawaiian Homeland Security

By Maj. Gen. Craig B. Whelden  
For Homeland Defense Journal

Sept. 11, 2001 — I was at a conference in Crystal City, Va., when the two World Trade Center towers were hit. As we were watching the television, a woman ran into the room and announced that an explosion had occurred at the Pentagon, which was just across the street.

We ran outside to witness a rising black plume of smoke above America's most recognized symbol of military power. My first instinct was to call my wife back in Hawaii, as she believed my meeting that day was in the Pentagon. I found that my cell phone wouldn't connect. I ran to my hotel and eventually got through at 10 a.m., that's 4 a.m. in Hawaii. I later found out that Hawaii Gov. Benjamin J. Cayetano hadn't been notified at that time.

After hanging up the phone, I went to the Pentagon where I found cool heads — in the midst of a chaotic scene — all trying to help. Hundreds of people — medical personnel, firemen, policemen, Pentagon security personnel and the FBI — were trying to organize their teams. I realized there was no central point for coordination.

Suspecting there would be a need for military support in manpower, communications, and logistics, I asked an FBI agent who was "in charge." After glancing around, he replied, "I guess I am." Later, I learned that what he really meant was that the FBI was in charge of the crime scene, not the overall response, which was the fire department's domain.

When I asked the FBI agent if he had communications, he pulled out a cell phone. His telling expression made clear to me that it had failed him more than a few times, just as mine had earlier. That lesson I carried back to Hawaii: Cell phones are unreliable in a crisis.

I tell this story because the Army in Hawaii is the U.S. Pacific Command's executive agent for Joint Rear Area Coordination in Hawaii (JRAC-HI), a task normally accomplished in a wartime theater of operation, but in this case for the state of Hawaii.

As I learned in the days following Sept. 11, some of the same shortfalls I witnessed at the Pentagon existed in Hawaii and — I would guess — in almost every other community in America.

Since September 11, JRAC, in partnership with state, local, and federal authorities, have made many advances in homeland security

- We have identified more than 150 Mission Essential Vulnerable Assets (Mesas) throughout Hawaii. These are facilities and capabilities essential to the military and to the efficient running of the state. These Mesas have been thoroughly assessed and security needs addressed.
- Last October, the state of Hawaii used the military's Force Protection Condition rating system to establish its own statewide, color-coded, alert warning system, which was then used by Governor Ridge's office as a model for promulgating a similar national system in recent months.

*continued on page 18*

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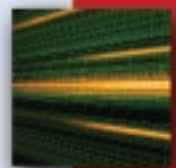


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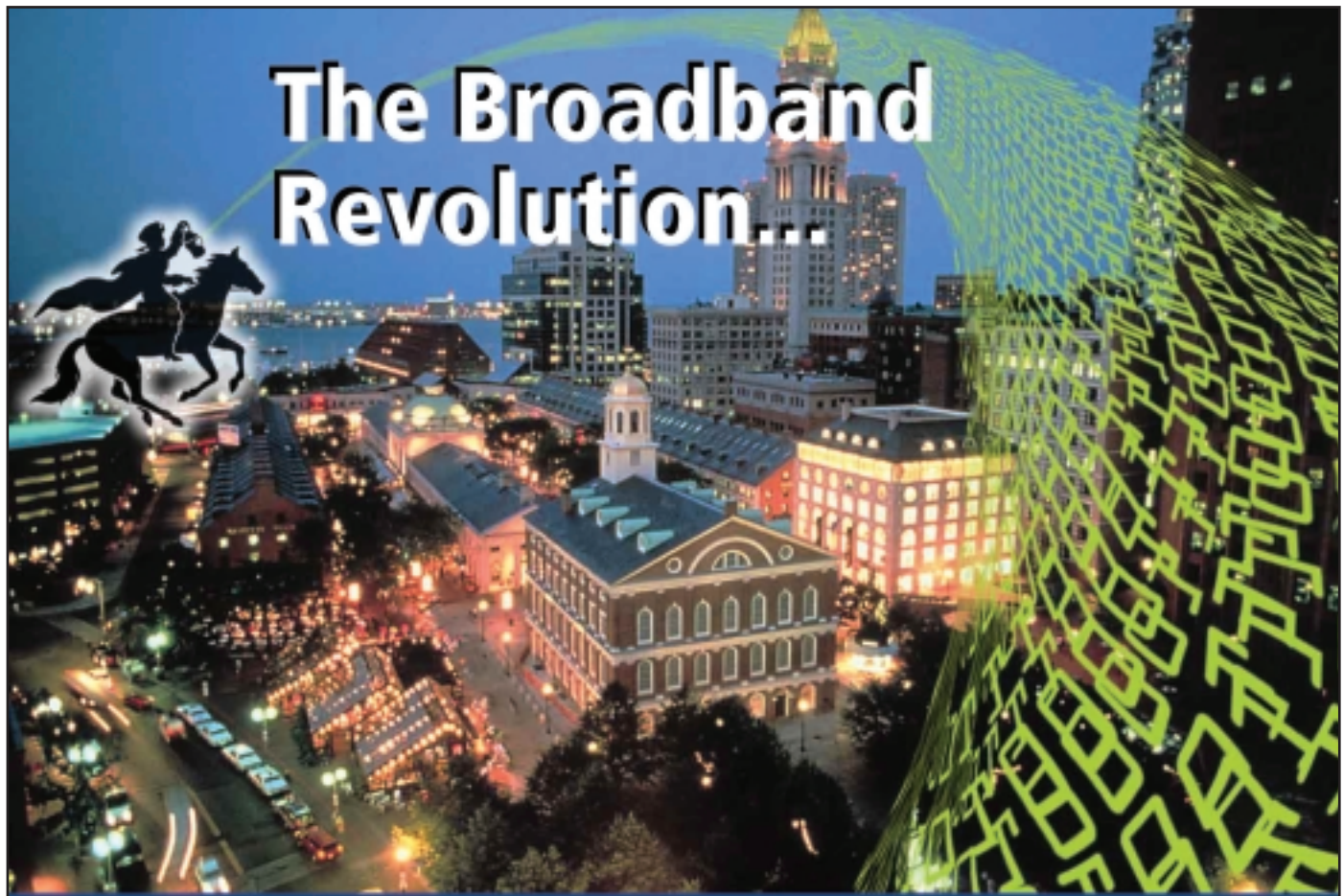
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## Hawaiian Homeland Security

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- We worked closely with state civil defense; U.S. Coast Guard; National Guard, Honolulu Police Department; state health organizations; private utility companies; and a host of federal agencies, including the FBI, Immigration and Naturalization Service, Federal Emergency Management Agency, the Customs Service, Secret Service and the Federal Aviation Administration – to identify and close "seams" to secure Hawaii's soil and protect its residents.
- We established a Joint Intelligence Support Element and a Law Enforcement Information Fusion Cell to pull together force protection requirements, local law enforcement information, and — as the law permits — selected domestic intelligence and information across a broad spectrum of sources. After analysis, we forward the results to those who need the information on both the military and civil side. This is done through both secure Internet for classified information and in a "law-enforcement sensitive" category through a password-protected site on the Asia Pacific Area Network.
- To date, we've conducted seven major training exercises through the new multi-agency training program. Future exercises with focus on quick response, general security awareness, and military support to civil authorities.
- The Army and Marine Quick Reaction Forces (QRF) were established and are capable of

moving on short notice by air or road to anyplace in the state.

- Established a secure communications system capable of interface with civil authorities.
- A new command and control suite, dedicated to homeland security, was installed at key military installations. This three-screen, interactive system facilitates collaborative planning with write-board, voice, video and chat features. We are populating the database and tailoring the system's significant capabilities to meet security needs across the state. Twelve more systems are planned for use by the state to provide even closer civil-military coordination.
- Prior to Sept. 11, the U.S. Attorney General issued a charter to FBI field offices to establish and staff FBI-led Joint

*continued on page 19*



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## Hawaiian Homeland Security

*continued from page 18*

Terrorism Task Forces by 2005. Hawaii's will be up and running by the end of this summer, pending receipt of "Top Secret" security clearances for all task force members.

This has not been easy, as historically, these agencies have not worked together. I suspect what we are doing in Hawaii is a microcosm of what Governor Ridge is facing on a national scale. We clearly have advantages in Hawaii: geography, a large military presence, and an "Ohana" (family) spirit that helps transcend normal bureaucratic and cultural barriers. Because of the unique circumstances we find in this state, I believe we are ahead of the national effort. And, while these are all improvements since Sept. 11, there is more to do.

Most of all, we need to break down bureaucratic barriers and government stovepipes. Achieving these goals may require legislative solutions, such as the Goldwater-Nichols Reorganization Act of 1986.

Sept. 11 changed the way we view national security. This War on Terrorism is a long-term investment that will require the mustering of all our collective talents and skills in an unprecedented, seamless, and permanent fusion of local, state, and federal capabilities. It will also require partnering with the brightest minds in the commercial sector.

*Army Maj. Gen. Craig B. Whelden the deputy commanding general, U.S. Army, Pacific and is stationed at Fort Shafter, Hawaii.*

# Homeland Security Department IT Spending To Exceed \$2 Billion

Information technology spending at the proposed Department of Homeland Security could be more than \$2.1 billion in fiscal year 2003, according to an analysis by INPUT, a Chantilly, Va.-based company that offers standardized and customized content, research and Web-based software services to help clients secure new business, address new markets and manage resources.

Payton Smith, manager of public sector market analysis services at INPUT, said, "\$2.1 billion of IT spending in FY 2003 would make the proposed Department of Homeland Security the fourth largest civilian federal agency in terms of IT spending, exceeded only by the Department of Treasury, NASA and the Department

of Transportation."

INPUT's analysis is based on the fiscal year 2003 IT budget request for the major component agencies of the proposed department. The agencies include the Immigration and Naturalization Service, U.S. Coast Guard, U.S. Secret Service, U.S. Customs Service, Federal Emergency Management Agency, Animal and Plant Health Inspection Service, and the Transportation Security Administration.

According to INPUT, \$2.1 billion in fiscal year 2003 IT spending is a conservative estimate.

"The proposed department will also include several program areas from the Department of Energy and the Department of Health and Human

Services, among others," said Smith. "These program areas will require IT spending over and above INPUT's \$2.1 billion estimate."

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## Homeland Defense *Forecast and Outlook*

Thursday, June 27, 2002

Crystal City Hilton

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Registration: 7:30 a.m. • Program begins: 8:30 a.m. • Wrap-up: 4:15 p.m.  
Continental Breakfast, Refreshments, Lunch included.

### Speakers at the Outlook Conference will include:

- U.S. Representative Curt Weldon, R-PA
- Rear Adm. Ken Venuto, Director of Operations Policy, U.S. Coast Guard
- Ronald E. Miller, Assistant Director, Information Technology Services Directorate and Chief Information Officer, Federal Emergency Management Agency (FEMA)
- Dr. Anna Johnson-Winegar, Deputy Assistant to the Secretary of Defense, Chemical and Biological Defense
- Maureen Lischke, CIO, National Guard Bureau, DoD National Communications System (DoD NCS)
- Peter LaPorte, Director, D.C. Emergency Management Agency
- Department of the Army, Anti-Terrorism Operations and Intelligence Cell – ATOIC
- Larry Naake, Executive Director of the National Association of Counties

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For more information about this event, visit [http://www.marketaccess.org/event\\_hd\\_outlook.asp](http://www.marketaccess.org/event_hd_outlook.asp) or contact Parrish Knight at [pknight@marketaccess.org](mailto:pknight@marketaccess.org) or (703) 807-2748.

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## Seeking Ideas for Pentagon Memorial

By Jim Garamone  
American Forces Press Service

Department of Defense officials announced a competition to choose a design for a memorial to honor those killed in the Pentagon terror attack nine months ago.

Shortly after the Sept. 11 attack, Congress authorized a memorial to those killed. The Army Corps of Engineers is in charge of the competition.

The memorial is set to be built on a two-acre plot near where the hijacked jet slammed into the building. The Corps team, working with family members of the victims and representatives of the services, looked at 10 sites before selecting this one.

"One of the family members said Sept. 11 chose the site," said Carol Anderson-Austra, the Corps project manager.

The competition is open to anyone. Anderson-Austra said the Corps is ready to receive any and all submissions "from schoolchildren, ... professional architects

or truck drivers in Oklahoma or Kansas." The families of those killed are looking for "just the right idea," she said.

Rules for the competition will be on the Web at <http://pentagonmemorial.nab.usace.army.mil>. Entrants can also receive the rules by writing: U.S. Army Corps of Engineers Baltimore District, Public Affairs Office, P.O. Box 1715, Baltimore, MD 21203. Deadline for submission is Sept. 11, 2002, at 5 p.m. EDT.

The Corps will appoint a jury to winnow down the entries. The jury will consist of six sculptors, architects and landscape architects; a representative from the victims' families; and two prominent citizens from the Washington, D.C., area.

Anderson-Austra said she expects thousands of entrants and is prepared for them. She said the Corps is not looking for final ideas and blueprint, but rather an artistic idea. She expects that by mid-October the jury will select five or six designs for further work. By mid-December the jury will meet again and select its recommendation for a memorial.

Anderson-Austra could not say who

would make the actual design selection.

The budget for the design and site work right now is \$2 million. If all goes as planned, the memorial will be dedicated on the second anniversary of the attack — Sept. 11, 2003.

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# FACES *In the Crowd*

## *New VP at CSC*

Computer Sciences Corp., Falls Church, Va., named Ben Gianni vice president for homeland security, a new position. Gianni will oversee CSC experts with backgrounds in anti- and counter- terrorism, asymmetric warfare, information and physical security, biometrics, data management, enterprise integration, and networking and communications.



## *Zapanta Named Chair of Reserve Forces Policy Board*

Secretary of Defense Donald H. Rumsfeld appointed Albert C. Zapanta as the chairman of the Reserve Forces Policy Board.



The Reserve Forces Policy Board is the principal independent policy adviser to the Secretary of Defense on matters relating to the reserve components. The board is composed of 24 members in addition to the chairman.

Zapanta is the president and CEO of the United States-Mexico Chamber of Commerce based in Washington, D.C. The United States-Mexico Chamber of Commerce is a nonprofit, binational corporation that pro-

motes trade and investment between the two nations. He served as assistant secretary of Administration and Management, U.S. Department of Interior, during the Reagan administration and was a White House fellow in 1973-74. Zapanta has served in appointments to various government commissions and advisory committees in five different administrations.

Zapanta holds bachelor of arts and master of arts degrees in public administration from the University of Southern California. He is a decorated combat veteran who holds the Silver Star, and has 32 years of active, Guard and reserve experience.

## *Applied Geographics Adds Kenneth Dooley*

Boston-based Applied Geographics, Inc. hired Ken Dooley as manager of its business development team. Dooley will work on strengthening existing Business relationships, as well as cultivating new ones, focusing on the Facilities and Environmental markets.



## *CMU President Appointed to National Homeland Security Advisory Council*

Carnegie Mellon President Jared L. Cohon was appointed to the national Homeland Security Advisory Council, a panel of experts from outside the federal government assembled to provide President George Bush with advice on homeland security matters.

Council members are drawn from state and local government, the private sector, education and public policy, and non-profit organizations. They will be asked to provide input to the president on developing and coordinating the implementation of a comprehensive national strategy to increase America's security.

Cohon is a nationally recognized authority on environmental and water resource systems analysis, a discipline that combines engineering, economics and applied mathematics. He is chairman of the federal Nuclear Waste Technical Review Board and a member of the executive committee of the Council on Competitiveness, which focuses on U.S. economic competitiveness and leadership.

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## State Security Initiatives Report

*Compiled by Stateside Associates*

Across the country, state governments are addressing homeland security. **Stateside Associates**, a national state and local government relations management firm based in Arlington, Va., compiled this roundup of recent state legislation and state executive actions aimed at combating terrorism.

### State Security Initiatives Overview

State legislatures are taking a measured approach in responding to security threats posed by the events of September 11 and its aftermath. Legislatures are not rushing to see how many bills they can pass. Instead, they are seeking to balance the need to protect the public from a terrorist threat with the need to protect individual liberties. Legislators across the nation are attempting to develop new emergency management, capitol security and public health measures that are both fiscally sound and responsive to the needs and concerns of citizens.

Comprehensive initiatives have been proposed and enacted that make terrorism and the support of terrorism state crimes that can result in harsh punishment, including the death penalty. Since September 11, five states—New York, Florida, Virginia, South Dakota and Michigan—have passed initiatives that create crimes and penalties related to acts of terrorism. At least 15 states, including California and Minnesota, are still considering such criminal provisions.

Following September 11, states recognized the need to increase security to our nation's energy and water delivery systems. Several states have considered and passed legislation addressing threats to nature and our ecosystems. In Arizona, Arkansas, Connecticut, Kansas, Massachusetts, Missouri, New Jersey and New York, National Guard troops have been deployed to protect nuclear facilities. Additionally, Vermont and Massachusetts have offered legislative proposals to create a five-mile no-fly zone around their nuclear power plants.

A large number of health issues have come in to play as well, including bioterrorism, emergency health, workforce readiness, vaccines, rural health, and most prominently, the public health infrastructure. Health emergency legislation has been approved in Maryland, Maine, South Dakota, Utah and Virginia. Legislation is pending in more than 12 other states.

Legislatures have begun to enact safeguards against terrorist action in the areas of electronic surveillance and cyberterrorism. Three states – Louisiana, Michigan and Virginia – enacted cyberterrorism legislation as a result of September 11 events. Other cyberterrorism legislation remains under consideration in California, Massachusetts, New York and South Carolina.

States	Issues
Alabama	No new action reported.
Alaska	HJR 33 Declares Alaska's support of the federal government and the nation's continued war on terrorism.*
Arizona	No new action reported.
Arkansas	No new action reported.
California	SB 1260 Requires the collection of information on how to prepare for a biological or chemical terrorist attack and steps to ensure that children get the healthcare they need in the event of such an attack.
Colorado	No new action reported.
Connecticut	HB 5155 Allows the commissioner of public health the authority to temporarily suspend licensure, certification or registration of certain public health professionals and provide such professionals immunity from liability during certain emergency situations.*
Delaware	No new action reported.
Florida	No new action reported.
Georgia	No new action reported.
Hawaii	No new action reported.
Idaho	No new action reported.
Illinois	No new action reported.
Indiana	SB 50 Excludes from taxable adjusted gross income the amount of compensation paid to an individual who died in the September 11, 2001, terrorist attack, the individual's spouse or child, or an estate or trust of the individual, spouse or child.*
Iowa	No new action reported.
Kansas	No new action reported.
Kentucky	No new action reported.
Louisiana	No new action reported.
Maine	No new action reported.

## Around The States

*continued from page 25*

States	Issues
Maryland	SB 3 Maryland safe haven act* SB 67 Register of wills – families of victims*
Massachusetts	No new action reported.
Michigan	SB 933 Creates Freedom of Information Act exemption for security plans of public and private property
Minnesota	No new action reported.
Mississippi	No new action reported.
Missouri	No new action reported.
Montana	No new action reported.
Nebraska	No new action reported.
Nevada	No new action reported.
New Hampshire	HB 1423 Increases penalties for committing hoaxes related to biological and chemical weapons.*
New Jersey	ACR 93 Urges the Domestic Security Preparedness Task Force and Domestic Security Preparedness Planning Group to examine the needs of senior citizens in the event of terrorist attacks. SB 34 Appropriates \$27 million in federal funds for bioterrorism preparedness.*
New Mexico	No new action reported.
New York	SB 7000I Enacts the emergency management assistance compact; provides for mutual assistance between states during exercises, training activities and disasters by sharing resources and resolving potential difficulties associated with liability and fiscal issues in advance.*
North Carolina	SB 1166/ HB 1508 Public Health Bioterrorism Preparedness
North Dakota	No new action reported.
Ohio	SB184 Creates the offenses of terrorism, soliciting or providing support for an act of terrorism, making a terroristic threat, and hindering prosecution of terrorism and to declare an emergency
Oklahoma	No new action reported.
Oregon	No new action reported.
Pennsylvania	HR 366 Urges the boards of directors of the regional biotechnology research centers to give priority consideration to investments and business strategies that facilitate the creation and enhancement of research and development of commercially useful products or intellectual property to mitigate biological agents or toxins.
Rhode Island	No new action reported.
South Carolina	No new action reported.
South Dakota	No new action reported.
Tennessee	HB 2545 / SB 2574 Makes act of terrorism and possession of biological or chemical warfare agents crime; makes act of terrorism aggravating factor for purposes of imposing death penalty; enhances criminal penalties for other activities relating to terrorism or hoaxes.
Texas	No new action reported.
Utah	No new action reported.
Vermont	No new action reported.
Virginia	HB 223 Creates terrorism penalties.*
Washington	No new action reported.
West Virginia	No new action reported.
Wisconsin	No new action reported.
Wyoming	No new action reported.

Compiled by Stateside Associates — Updated Friday, May 31, 2002.

An asterisk (\*) identifies initiatives that were enacted.

### Don't miss this event...

**e-Safety Conference and Exhibition: Technology Solutions for Public Safety & Emergency Communications, October 28 – 30, Los Angeles, CA**

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# Homeland Defense Business Opportunities

By Kelly Kingsley - Homeland Defense Journal

**Homeland Defense Journal** tapped into the database of its partner, Market\*Access International, to compile this list of homeland defense opportunities.

Project	Cognitive Information Processing Technology	National Fixed Wing Training Program	Sensor Integration and Testbed Technologies
Department	Department of Defense	Department of the Treasury	Department of the Navy
Agency	Defense Advanced Research Projects Agency	U.S. Customs Service	Naval Air Systems Command
Summary	Defense Advanced Research Projects Agency (DARPA) is soliciting proposals for research in the area of cognitive information processing technology. DARPA's Information Processing Technology Office (IPTO) seeks proposals to perform innovative research and development on cognitive systems and technologies that offer significant advances in performance and other relevant metrics above and beyond extrapolations of current approaches.	The U.S. Customs Service (USCS) may employ more than 300 fixed wing and rotor-wing pilots. These pilots are federally warranted law enforcement officers. Since the events of Sept. 11, 2001, the USCS has been tasked with additional organizational missions outside of its traditional law enforcement and drug interdiction mission. They are also being tasked with missions from the Office of Homeland Security.	The Naval Air Systems Command (NAVAIR) is soliciting proposals for research and development concepts in sensor integration and communication technologies. Concepts proposed may represent novel dedicated technologies and/or dual use of new emerging commercial technology. Future weapon systems will increasingly rely on the merging of sophisticated datasets collected from a myriad collection sources. The promise of combining sensor data into a single integrated picture of the battlespace depends on key advances in sensor data networking and integration architecture. Developmental and operational testbed activities focused on these systems architectures systems must be adaptable to accommodate the most recent technological advances in both sensors and weapons systems.
Schedule	Abstracts due April 4, 2003 Questions due May 30, 2003	Responses due July 22, 2002	Responses due June 1, 2003
Contract Type		Performance Based	
Agency Contact	Ronald Brachman baa02-21@darpa.mil	William Stevens (202) 927-5703 william.m.stevens@customs.treas.gov	Sue Wainwright (301) 757-9746 waingrightsr@navair.navy.mil
Agency Web Site	<a href="http://www.dyncorpiis.com/BAA/index.asp?BAAid=02-21">www.dyncorpiis.com/BAA/index.asp?BAAid=02-21</a>		<a href="http://www.navair.navy.mil/business/e-commerce/index.cfm">www.navair.navy.mil/business/e-commerce/index.cfm</a>

*continued on page 26*

## Homeland Defense Business Opportunities

*continued from page 25*

<b>Project</b>	Modeling, Simulation and Analytically Based Warfare Analyses	Smart and Secure Containers	National Bioterrorism Hospital Preparedness Resource enter
<b>Department</b>	Department of the Navy	Department of the Treasury	Department of Health and Human Services
<b>Agency</b>	Space and Naval Warfare Systems Command	U.S. Customs Service	Health Resources and Services Administration
<b>Summary</b>	The requirements for award include studies and analyses to evaluate tactics/doctrine, advanced technology, optimum allocation of platforms/sensors, and state of fleet readiness to support the decision makers in formulating Naval acquisition. As a result, the requirement requires expertise and experience in the following areas: ground warfare, amphibious warfare (Navy support to Marine landings), special operations, logistics, mine/counter mine warfare, information warfare, surface warfare, air warfare, undersea warfare, strike warfare, C4ISR, weapons of mass destruction (chemical, biological and nuclear warfare), military operations other than war and homeland defense.	The purpose of this "sources sought" is to solicit white papers on innovative concepts for smart and secure containers and related infrastructure to be used in the international trade system. The objective is to achieve cargo container security and integrity upon arrival at the ports of entry of the United States.	The Health Resources and Services Administration has been charged as the lead agency for the Department of Health and Human Services in developing initiatives to address hospital preparedness for biological terrorism. The purpose of this acquisition is to provide for the operations of a resource center that would provide information and technical assistance to states, territories, municipalities, organizations and individuals developing bioterrorism hospital preparedness plans.
<b>Schedule</b>	Solicitation release July 15, 2002 Responses due August 15, 2002	Request for information released June 5, 2002 Responses due July 5, 2002	Solicitation release June 28, 2002 Responses due July 31, 2002
<b>Competition</b>	Full and Open		Full and Open
<b>Contract Term</b>	5 years		
<b>Agency Contact</b>	Cheryl B Fisher (858) 537-0289 fisherc@spawar.navy.mil	Terence Lew (202) 927-0423 terence.lew@customs.treas.gov	Debora Pitts (301) 443-3789 dpitts@hrsa.gov
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## Business Briefs

### ***Avexus Creates Federal Systems Division***

Avexus Inc., San Diego-based provider of maintenance, repair and overhaul software solutions launched a federal systems division that will provide solutions to defense agencies and other branches of the U.S. federal government. This initiative will be spearheaded from Avexus' new office in Severna Park, Md. and will be headed by Tom Zlockie, who has 20 years of experience in the federal and defense sector.

### ***CACI Wins \$24 Million Contract with Naval Research Laboratory***

CACI International Inc., Arlington, Va., won a \$24 million contract with the U.S. Naval Research Laboratory, Washington, D.C., to support the Offboard Countermeasures branch of NRL's Tactical Electronic Warfare Division. CACI's role is to research, develop, test and analyze Navy electronic warfare capabilities designed to counter and decoy missile and related threats to U.S. tactical aircraft.

The contract, with a duration of one

base year and four option years, is the second major award the company has won with the NRL this year. In January, CACI won an \$11.3 million award with the Central Target Simulator branch of the Tactical Electronic Warfare Division. The award represents a significant expansion of CACI's current support for the Offboard Countermeasures branch and underscores the company's continuing growth of its intelligence business.

### ***Global Realty Management Group Changes Name to Excalibur Industries Inc.***

Global Realty Management Group Inc. with offices in Tulsa, Okla., and Houston, has changed its corporate name to Excalibur Industries Inc. and its stock symbol to "EXCB" on the OTC Bulletin Board. Excalibur recently went public via a reverse merger with Global Realty.

Excalibur Industries is a diversified group of niche industrial companies focused on counter-terrorism/homeland security, aerospace/aviation, power generation, petrochemical and oil services markets.

### ***Proxtronics Inc. Wins First Task Order***

Springfield, Va.-based Proxtronics Inc. won a task order under the five-year Air Force Institute of Environment, Safety, and Occupational health Risk Analysis (AFIERA) contract at Brooks Air Force Base, Texas.

Under this task order, Proxtronics will prepare soil vapor intrusion model-

ing primer. This includes the development of risk communication tools, identify community needs, and providing design, layout and writing for tool development for the Health Risk Assessment Branch (AFIERA/RSRE).

Proxtronics will also provide support in information systems, public relations, analytical chemistry and laboratory services, technology evaluations, technical assistance and peer reviews, environmental auditing and emergency response.

### ***General Dynamics Completes Acquisition***

General Dynamics, Falls Church, Va., completed its acquisition of Advanced Technical Products Inc. of Roswell, Ga.

Under the agreement, announced Thursday, May 2, 2002, and approved by ATP shareholders Wednesday, June 12, 2002, General Dynamics acquired all 5.89 million outstanding shares of Advanced Technical Products for a cash purchase price of \$33.50 per share. In addition, General Dynamics assumed ATP's net debt and retired ATP stock options, bringing the transaction's value to approximately \$250 million. The acquisition is immediately accretive to General Dynamics' earnings.

The combination gives General Dynamics Armament and Technical Products a position on key programs aligned with homeland defense and Department of Defense transformation initiatives. It is also positioned in composites technology and production, and integrated armament products for air, land and sea platforms.

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